BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Modified Estimate for Providing Borewells, Pipelines and Water supply Vinayaka Nagar, Dwarakanagar, Agraharalayout, Kogilu Layout, Kattigenahalli, Chokkanahalli Surrounding areas in Ward No. 05

Agency :- M/s KRIDL

MODIFIED SCHEDULE-B

Sl No	App Qty	Description of Item	Approved Rates of M/s KRIDL		
			Unit	Rate In Figures	Rate In Words
1	12.00	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc.,	Each	1938.46	Rupees One Thousand Nine Hundred Thirty Eight And Paise Forty Six Only
2	600.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour	mtr	315.18	Rupees Three Hundred Fifteen And Paise Eighteen Only
	600.00	50 to 100 m	mtr	412.00	Rupees Four Hundred Twelve Only
	600.00	100 to 150 m	mtr	458.35	Rupees Four Hundred Fifty Eight And Paise Thirty Five Only
	600.00	150 to 200 m	mtr	484.10	Rupees Four Hundred Eighty Four And Paise Ten Only
	600.00	200 to 250 m	mtr	560.32	Rupees Five Hundred Sixty And Paise Thirty Two Only
	546.00	251 to 300 m	mtr	600.49	Rupees Six Hundred And Paise Forty Nine Only
	563.00	300 to 350 m	mtr	640.66	Rupees Six Hundred Forty And Paise Sixty Six Only
3	717.68	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end	mtr	1325.00	Rupees One Thousand Three Hundred Twenty Five Only

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No	App Qty	Description of Item	Approved Rates of M/s KRIDL		
			Unit	Rate In Figures	Rate In Words
4	60.00	Providing 250mm dia PVC Pipe	mtr	1144.00	Rupees One Thousand One Hundred Forty Four Only
5	12.00	Providing 175mm dia ms casing cap	Nos	100.00	Rupees One Hundred Only
6	104.00	Providing MS Casing pipe collars	Nos	150.00	Rupees One Hundred Fifty Only
7	2.00	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings.	Each	70600.00	Rupees Seventy Thousand Six Hundred Only
8	2910.00	. KSRB13-3.1: Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class 50 mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	mtr	600.07	Rupees Six Hundred And Paise Seven Only
9	5340.00	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A.	mtr	188.70	Rupees One Hundred Eighty Eight And Paise Seventy Only
10	475.00	Labour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length.	Each	88.00	Rupees Eighty Eight Only
11	10.00	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on fixing the same to the wall using tapered inverted wooden plugs screws etc.,	Each	302.00	Rupees Three Hundred Two Only
12	251.00	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group.P No.55/ I No.7.4.4	mtr	140.40	Rupees One Hundred Forty And Paise Forty Only
13	251.00	Labour charges for laying of 1.1 K.V class UG cable, P No. 61 / I No. 7.8.1 In existing trencg/duct 6Sqmm to 16 Sqmm)	mtr	10.80	Rupees Ten And Paise Eighty Only
14	202.00	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete	mtr	117.00	Rupees One Hundred Seventeen Only
15	30.00	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class	mtr	345.00	Rupees Three Hundred Forty Five Only

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No	App Qty	Description of Item	Approved Rates of M/s KRIDL		
			Unit	Rate In Figures	Rate In Words
16	10.00	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,	Each	280.00	Rupees Two Hundred Eighty Only
17	10.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia,	Each	2727.00	Rupees Two Thousand Seven Hundred Twenty Seven Only
18	30.00	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.	Each	360.00	Rupees Three Hundred Sixty Only
19	60.00	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.	Each	86.00	Rupees Eighty Six Only
20	10.00	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications.	Each	1547.00	Rupees One Thousand Five Hundred Forty Seven Only
21	376500.00	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33.	Sqcm	0.33	Rupees And Paise Thirty Three Only
22	10.00	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Nos	1760.19	Rupees One Thousand Seven Hundred Sixty And Paise Nineteen Only
23	20.00	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete.	Nos	252.97	Rupees Two Hundred Fifty Two And Paise Ninety Seven Only
24	30.00	Gate value 50 mm nominal bore gun metal.	Nos	1650.00	Rupees One Thousand Six Hundred Fifty Only
25	10.00	NIPPLE 50 mm nominal bore gun metal.	Nos	104.30	Rupees One Hundred Four And Paise Thirty Only
26	30.00	S BEND 50 mm nominal bore gun metal.	Nos	219.00	Rupees Two Hundred Nineteen Only
27	10.00	TEE 50 mm nominal bore gun metal.	Nos	169.00	Rupees One Hundred Sixty Nine Only

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Item	App Qty	Description of Item	Approved Rates of M/s KRIDL		
			Unit	Rate In Figures	Rate In Words
28	10.00	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset.	Nos	10000.00	Rupees Ten Thousand Only
29	2179.94	Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications.	Cum	184.73	Rupees One Hundred Eighty Four And Paise Seventy Three Only
30	4844.30	Providing and installing at site of work pvc pipes including cost of pipes and special and labour including lowering into trenches laying true to line level and prefect linking at joints, leak proof including jointing of approved type with all labour and lift charges handling charges including encasing the pipes all round to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete PVC pipe of 6kg/cm2 75 mm	mtr	131.84	Rupees One Hundred Thirty One And Paise Eighty Four Only
31	181.66	KSRRB M2100-9. Sand Filling in Foundation Trenches as per Drawing & Technical Specification.	Cum	3152.08	Rupees Three Thousand One Hundred Fifty Two And Paise Eight Only
32	1998.27	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	89.42	Rupees Eighty Nine And Paise Forty Two Only
E1	6.00	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings . 17.5 HP/ 35 Stage	Each	74300.00	Rupees Seventy Four Thousand Three Hundred Only

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No	App Qty	Description of Item	Approved Rates of M/s KRIDL		
			Unit	Rate In Figures	Rate In Words
E2	1.00	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings . 2 HP/ 25 Stage	Each	20000.00	Rupees Twenty Thousand Only
E3	1.00	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings . 5 HP/ 40 Stage	Each	34200.00	Rupees Thirty Four Thousand Two Hundred Only

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